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**CLAIMS:**

1. Camera system comprising at least one camera for recording information, transmission means for transmission of the recorded information and base station for receiving the recorded information and handling this received information, characterized in that the base station comprises a detection unit for detecting which of at least two different transmitting modes is used by the camera and a switching unit for switching the base station in response to the detected transmission mode.

2. Camera system according to claim 1, characterized in that the detection unit detects between the RGB signals and the Y, R-Y, B-Y transmission mode.

3. Camera system according to claim 2, characterized in that the camera transmits information either with a transmission mode having a first mode with a G signal with H sink signal or a second mode with Y video with composite sink.

- 15 4. Base station for use in a camera system according to claim 1.

5. Camera for use in a camera system according to claim 1.